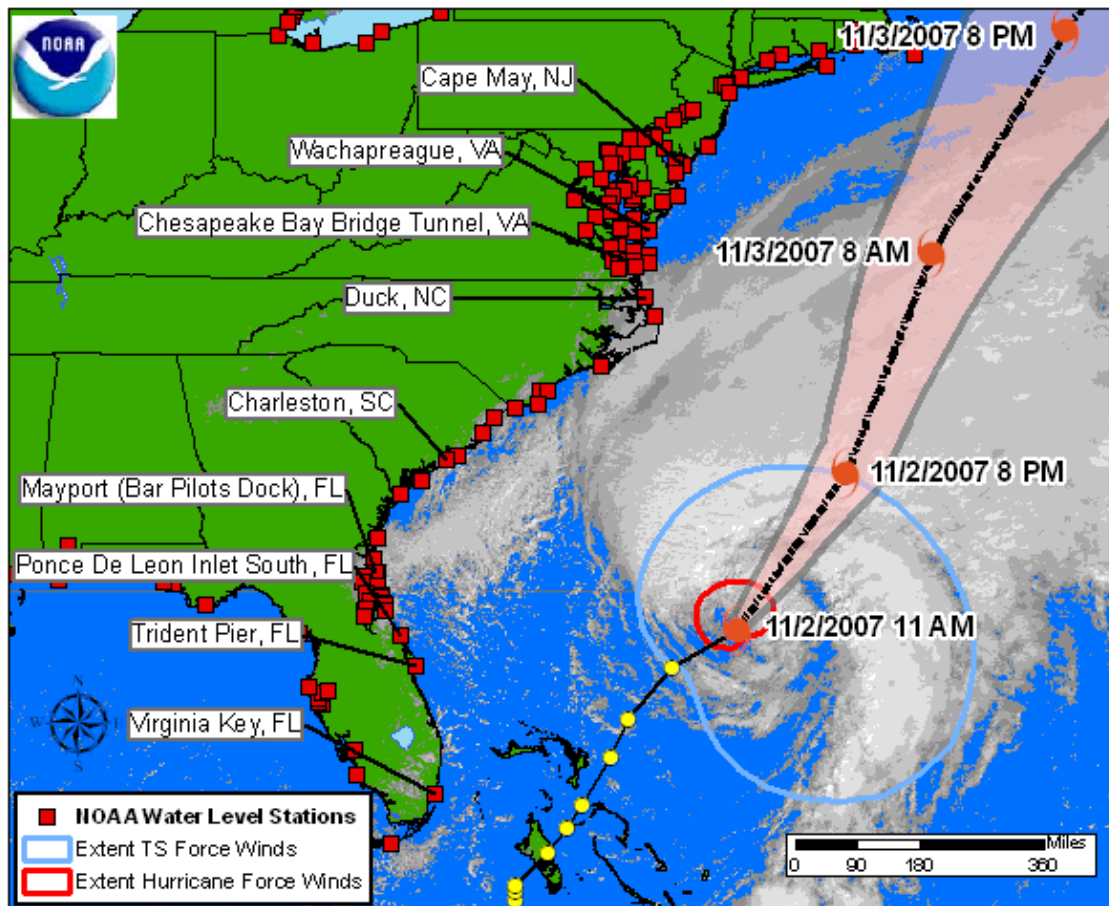




Hurricane NOEL QUICKLOOK  
Posted: 12:00 EDT 11/02/2007

**NOAA and NOAA Partnership Stations Relative to the Storm**



**Storm Analysis**

Water levels along the east coast of the U.S. are above predicted from Florida to New Jersey.

Water level and meteorological plots available below are updated automatically. Water level observations on Mean Lower Low Water as of 11/02/2007 12:00 EDT are:

Virginia Key, FL: 0.88 ft (0.27 m) above predicted. Next high tide Fri 11/02/2007 16:17 EDT 2.4 ft (0.7 m).

Trident Pier, FL: 1.30 ft (0.40 m) above predicted. Next high tide Fri 11/02/2007 14:59 EDT 4.1 ft (1.2 m).

Ponce De Leon Inlet South, FL: 2.19 ft (0.67 m) above predicted. Next high tide Fri 11/02/2007 15:38 EDT 3.2 ft (1.0 m).

Mayport (Bar Pilots Dock), FL: 1.18 ft (0.36 m) above predicted. Next high tide Fri 11/02/2007 15:52 EDT 5.3 ft (1.6 m).

Charleston, SC: 0.64 ft (0.20 m) above predicted. Next high tide Fri 11/02/2007 15:06 EDT 5.7 ft (1.7 m).

Duck, NC: 1.37 ft (0.42 m) above predicted. Next high tide Fri 11/02/2007 14:34 EDT 3.5 ft (1.1 m).

Chesapeake Bay Bridge Tunnel, VA: 1.36 ft (0.41 m) above predicted. Next high tide Fri 11/02/2007 15:30 EDT 2.7 ft (0.8 m).

Wachapreague, VA: 1.62 ft (0.49 m) above predicted. Next high tide Fri 11/02/2007 15:42 EDT 4.3 ft (1.3 m).

Cape May, NJ: 0.74 ft (0.23 m) above predicted. Next high tide Fri 11/02/2007 15:41 EDT 5.2 ft (1.6 m).

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**...NOEL BEGINNING TO LOSE ORGANIZATION AS A TROPICAL CYCLONE...**

**INTERESTS ALONG THE U. S. EAST COAST FROM NORTH CAROLINA NORTHWARD SHOULD CONSULT STATEMENTS AND WARNINGS ISSUED BY THEIR LOCAL NWS FORECAST OFFICE.**

**AT 1100 AM EDT...1500Z...THE CENTER OF HURRICANE NOEL WAS LOCATED NEAR LATITUDE 29.2 NORTH...LONGITUDE 73.8 WEST OR ABOUT 575 MILES... 925 KM...WEST-SOUTHWEST OF BERMUDA AND ABOUT 425 MILES...685 KM... SOUTH-SOUTHEAST OF CAPE HATTERAS NORTH CAROLINA.**

**NOEL IS MOVING TOWARD THE NORTHEAST NEAR 17 MPH...28 KM/HR. A TURN BACK TO THE NORTH-NORTHEAST AT A FASTER FORWARD SPEED IS EXPECTED OVER THE NEXT 24 HOURS.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH...130 KM/HR...WITH HIGHER GUSTS. NOEL IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. NOEL IS EXPECTED TO LOSE TROPICAL CHARACTERISTICS LATER TODAY...BUT MAINTAIN ITS STRENGTH AS AN EXTRATROPICAL CYCLONE OVER THE NEXT TWO TO THREE DAYS.**

**HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 70 MILES...110 KM...FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 345 MILES...555 KM.**

**THE MINIMUM CENTRAL PRESSURE ESTIMATED FROM RECONNAISSANCE DATA WAS 981 MB...28.97 INCHES.**

**NOEL IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF UP TO ONE INCH ACROSS THE OUTER BANKS OF NORTH CAROLINA AND 2 TO 4 INCHES....WITH ISOLATED MAXIMUM TOTALS TO 6 INCHES ACROSS EASTERN NEW ENGLAND.**

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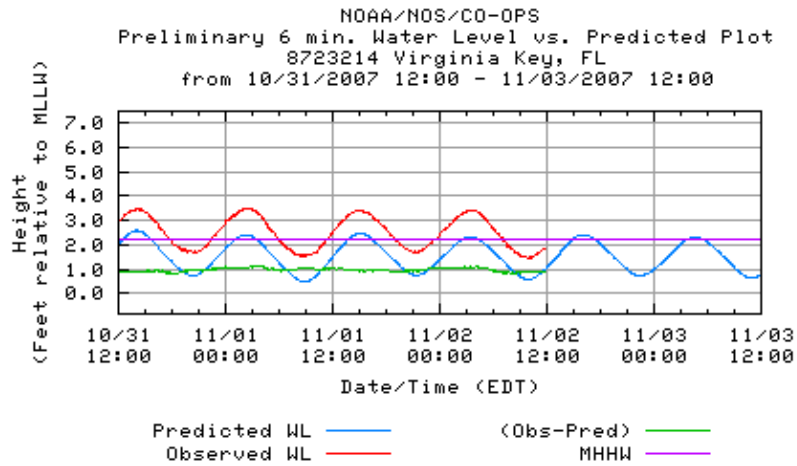
**For additional data and more information on the Storm QuickLook product, please visit the Center for Operational Oceanographic Products & Services website.**

**Water Level Analyst: PFF**

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: Virginia Key - Water Level, Trident Pier - Water Level, Trident Pier - Barometric, Trident Pier - Winds, Ponce De Leon Inlet South - Water Level, Mayport (Bar Pilots Dock) - Water Level, Charleston - Water Level, Duck - Water Level, Duck - Winds, Duck - Barometric, Chesapeake Bay Bridge Tunnel - Water Level, Chesapeake Bay Bridge Tunnel - Winds, Chesapeake Bay Bridge Tunnel - Barometric, Wachapreague - Water Level, Cape May - Water Level, Cape May - Winds,

**Virginia Key, FL - Station Map** [Return to List](#)

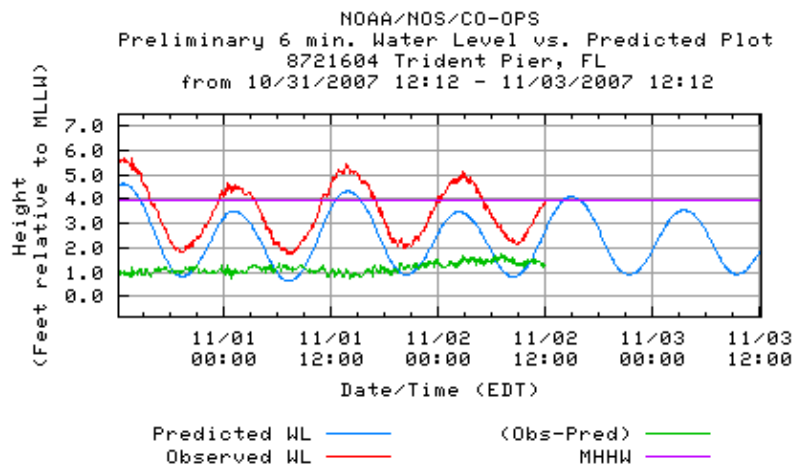


Last Observed Sample: 11/02/2007 11:42 (EDT)

Relative to **MLLW**: **Observed: 1.85 ft. Predicted: 0.97 ft. Residual: 0.88 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

**Trident Pier, FL - Station Map** [Return to List](#)

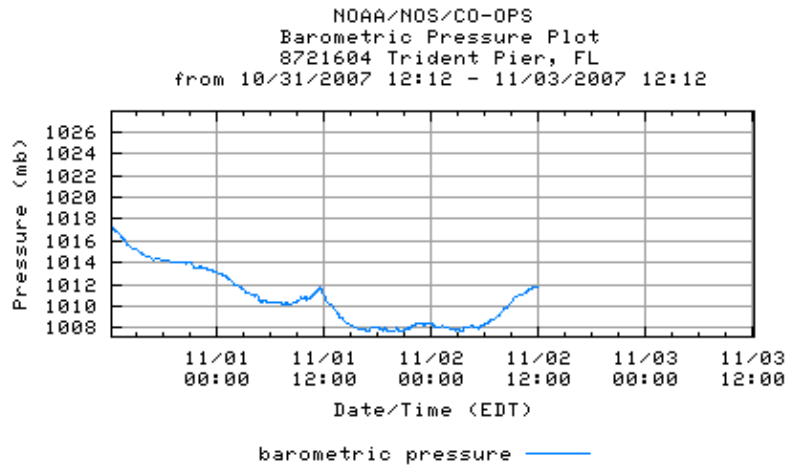


Last Observed Sample: 11/02/2007 12:00 (EDT)

Relative to **MLLW**: **Observed: 3.94 ft. Predicted: 2.67 ft. Residual: 1.27 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

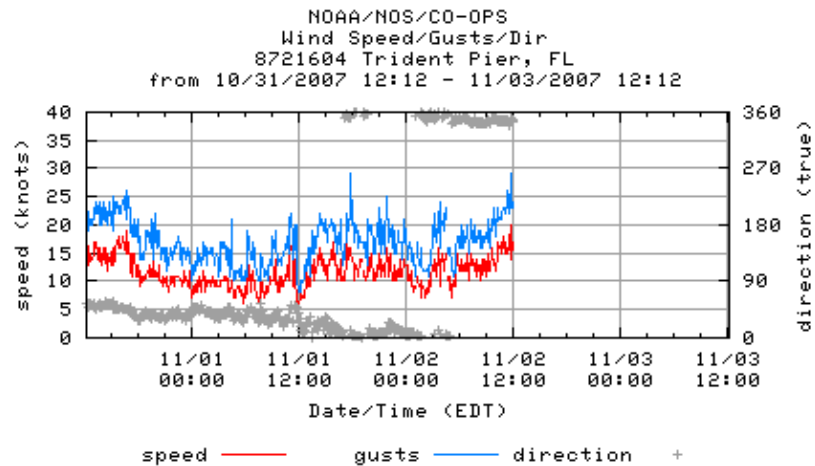
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 11/02/2007 12:00 (EDT)

Barometric Pressure: 1011.8 mb

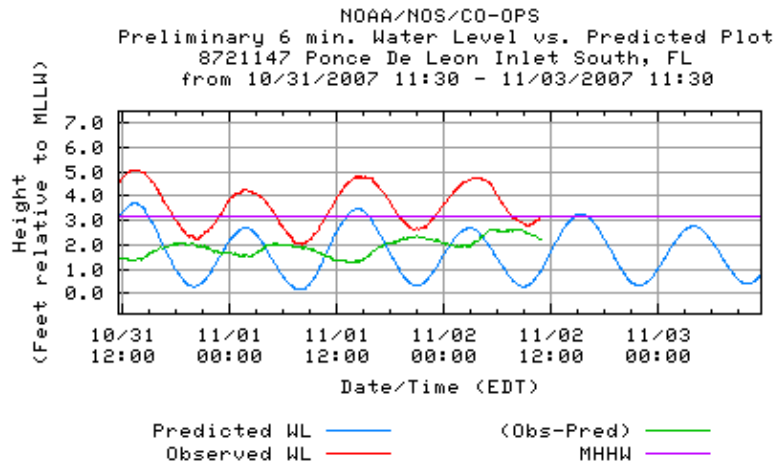
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 11/02/2007 12:00 (EDT)

Wind Speed: 16 knots Gusts: 23 knots Direction: 346° T

**Ponce De Leon Inlet South, FL - Station Map** [Return to List](#)

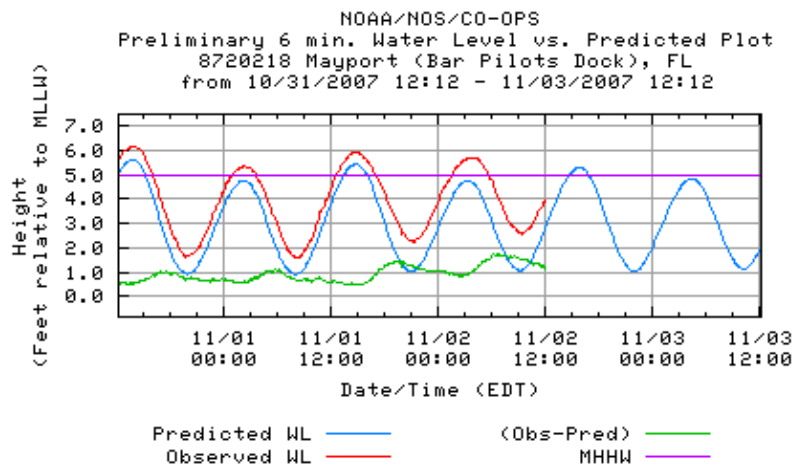


Last Observed Sample: 11/02/2007 10:54 (EDT)

Relative to **MLLW**: **Observed: 3.17 ft. Predicted: 0.98 ft. Residual: 2.19 ft.**

Historical Maximum Water Level: 11/03/1978, 1.67 ft. above **MHHW**

**Mayport (Bar Pilots Dock), FL - Station Map** [Return to List](#)

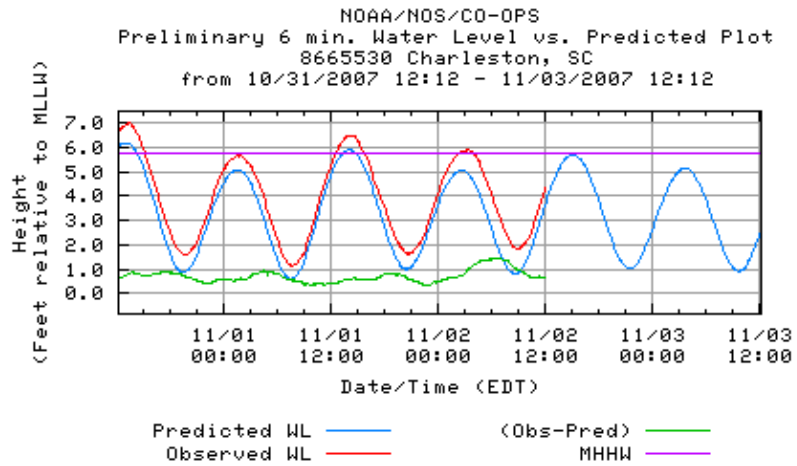


Last Observed Sample: 11/02/2007 12:00 (EDT)

Relative to **MLLW**: **Observed: 3.95 ft. Predicted: 2.81 ft. Residual: 1.14 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

**Charleston, SC - Station Map** [Return to List](#)

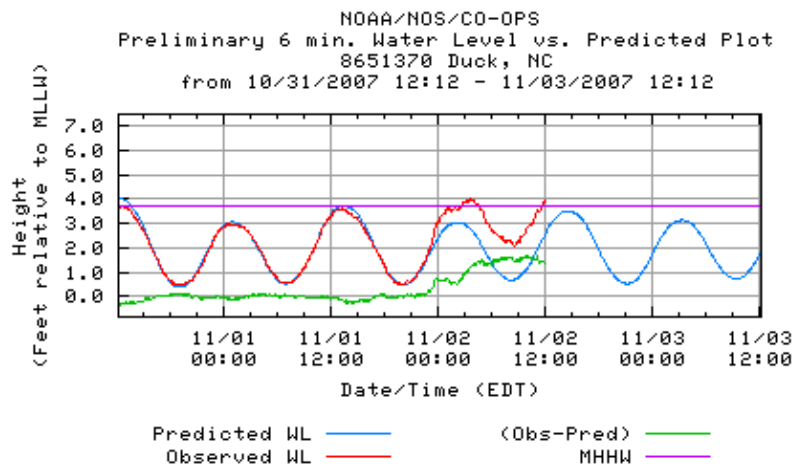


Last Observed Sample: 11/02/2007 12:00 (EDT)

Relative to **MLLW**: **Observed: 4.32 ft. Predicted: 3.67 ft. Residual: 0.65 ft.**

Historical Maximum Water Level: 09/21/1989, 6.76 ft. above **MHHW**

**Duck, NC - Station Map** [Return to List](#)

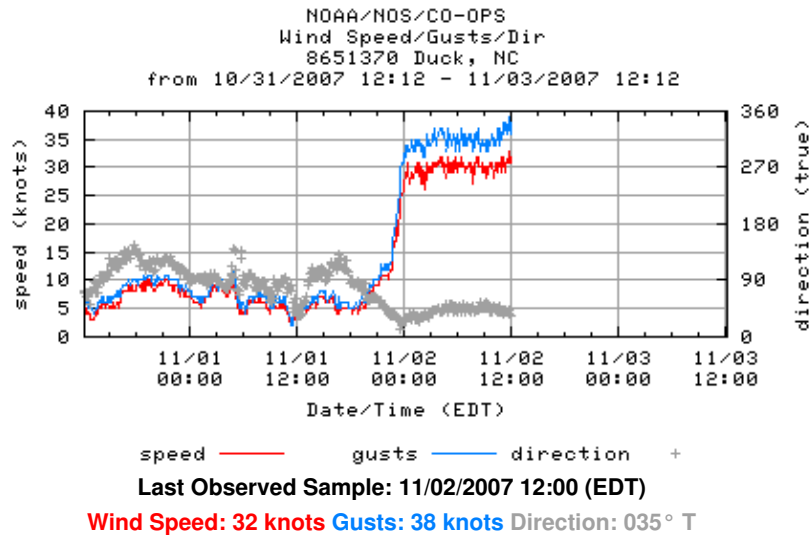


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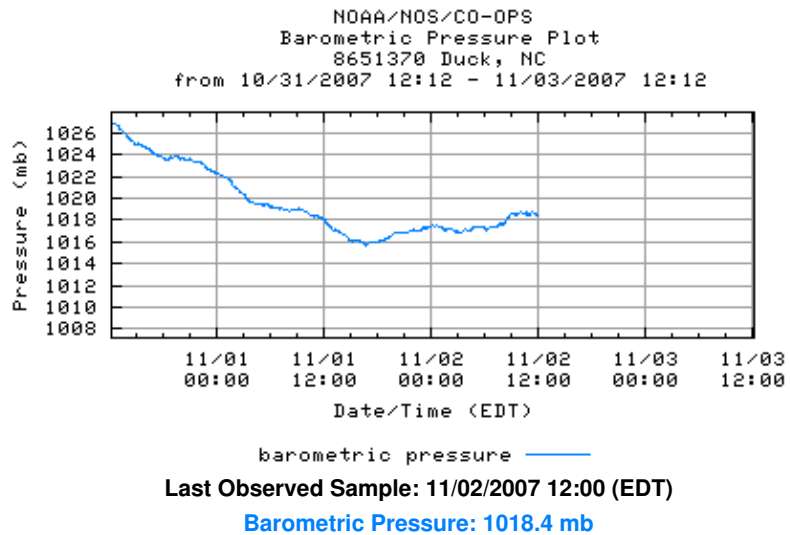
Relative to **MLLW**: **Observed: 3.95 ft. Predicted: 2.56 ft. Residual: 1.39 ft.**

Historical Maximum Water Level: 08/30/1999, 3.23 ft. above **MHHW**

**Duck, NC - Station Map** [Return to List](#)

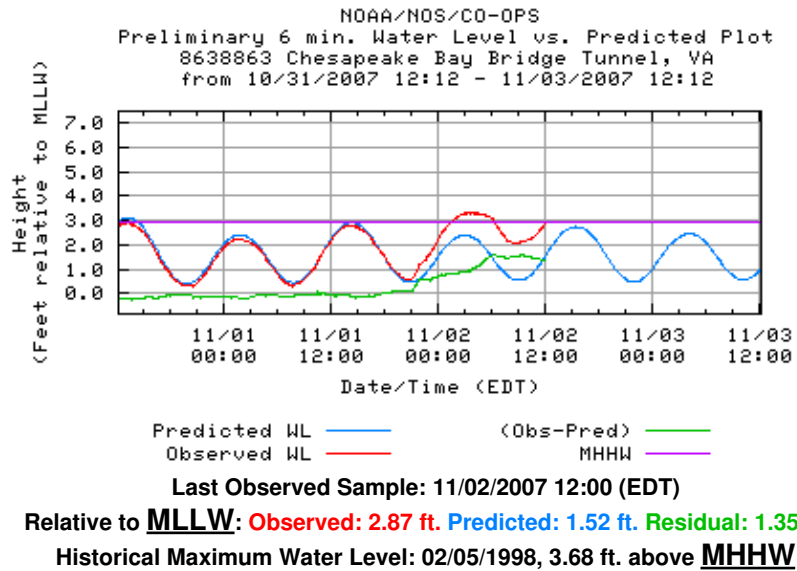


**Duck, NC - Station Map** [Return to List](#)

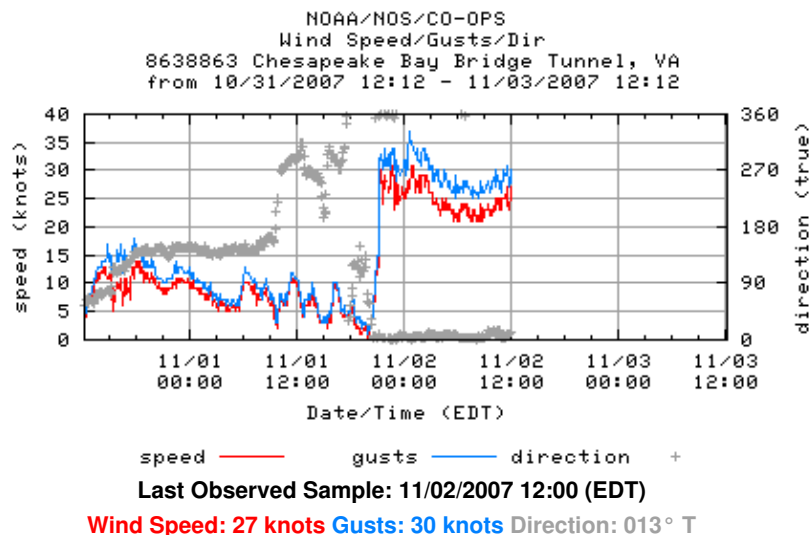




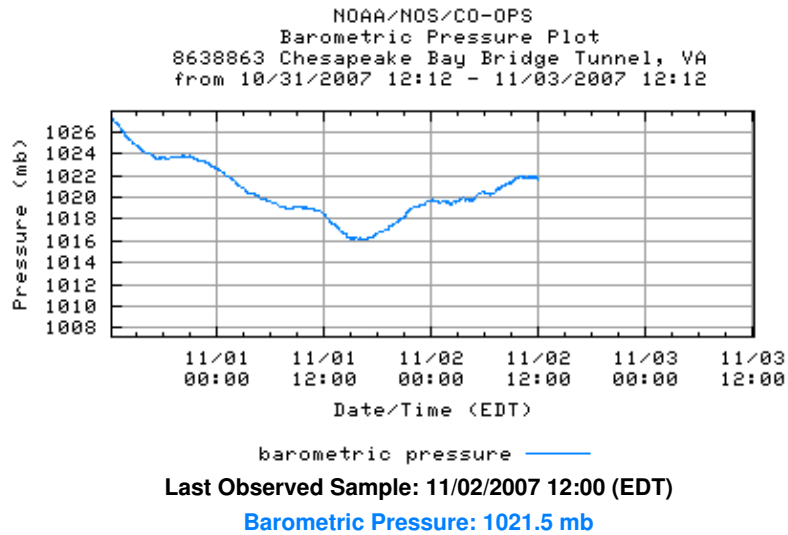
**Chesapeake Bay Bridge Tunnel, VA - Station Map** [Return to List](#)



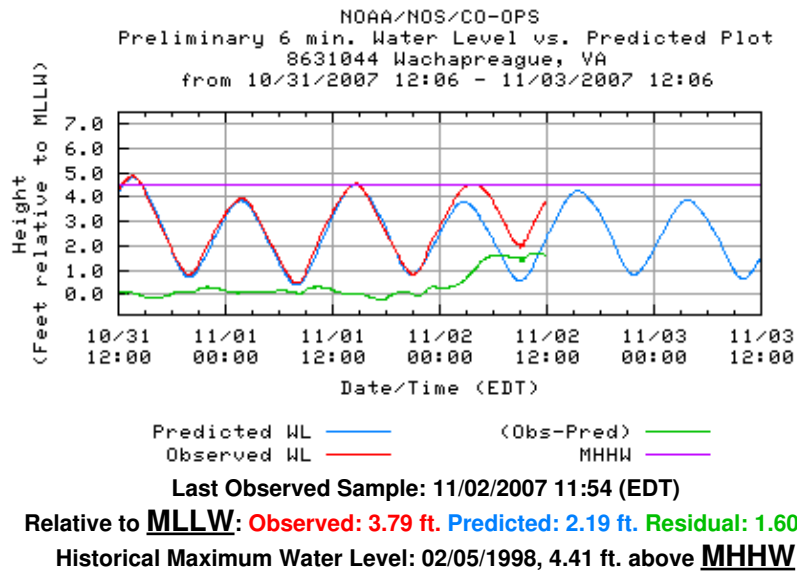
**Chesapeake Bay Bridge Tunnel, VA - Station Map** [Return to List](#)



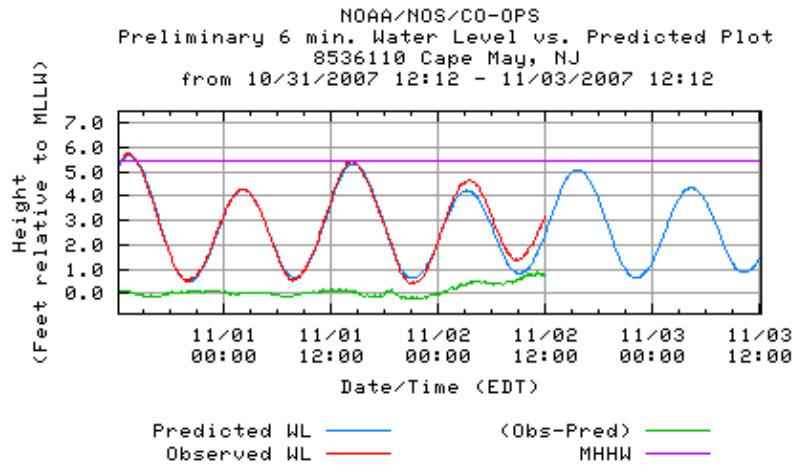
**Chesapeake Bay Bridge Tunnel, VA - Station Map** [Return to List](#)



**Wachapreague, VA - Station Map** [Return to List](#)



**Cape May, NJ - Station Map** [Return to List](#)

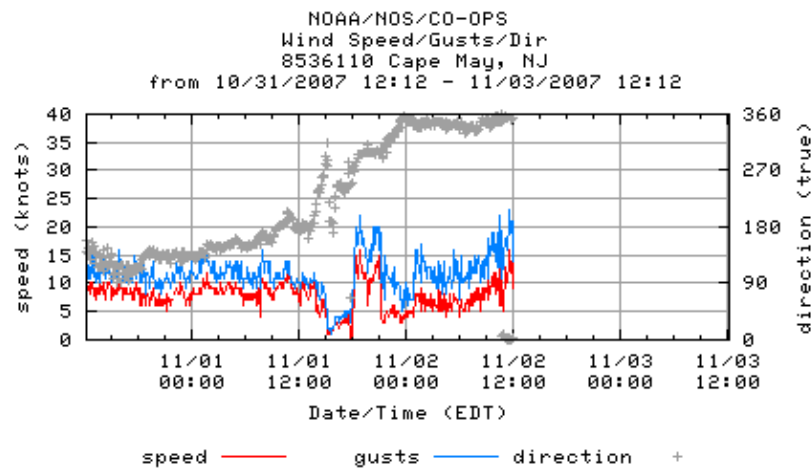


Last Observed Sample: 11/02/2007 12:00 (EDT)

Relative to **MLLW**: **Observed: 3.16 ft. Predicted: 2.44 ft. Residual: 0.72 ft.**

Historical Maximum Water Level: 09/27/1985, 3.36 ft. above **MHHW**

**Cape May, NJ - Station Map** [Return to List](#)



Last Observed Sample: 11/02/2007 12:00 (EDT)

**Wind Speed: 9 knots Gusts: 14 knots Direction: 004° T**

## Hurricane NOEL QUICKLOOK, POSTED 12:00 EDT 11/02/2007

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce